

of the cavity to close it and thus, transfer heat to that end wall 6 of the tray B which is presented toward the closed end. The other end of the heat sink 46 would remain open and indeed would open out of the cabinet 36 through the aligned opening 36 in the front panel 28. Of course, the handle 20 on that end of the tray B which faces the closed end of the heat sink 46 would have to be removed or reconfigured, so that it will not interfere with the solid rear panel 30.

Also, any tray B or C which must retain moisture may be fitted with a separate cover, and that would eliminate the need for the covers 80 or 110. In this regard, covers are available on the market for the traditional trays that resemble the trays B and C.

This invention is intended to cover all changes and modifications of the example of the invention herein chosen for purposes of the disclosure which do not constitute departures from the spirit and scope of the invention.

Duke Manufacturing Company

3. The combination according to claim 1 wherein the space between the legs and below the cross wall is open at both ends of the cover.

4. The combination according to claim 1 wherein the cross wall, where space between the legs and below the cross wall is open, flares upwardly.

5. The combination according to claim 1 wherein the rim of the tray is generally rectangular, having ends and sides, with the sides being longer than the ends; and wherein the sides of the rim on the tray are located along the legs of the cover.

6. The combination according to claim 1 wherein the legs of the cover also have upper margins; and wherein the cross wall is attached to each leg intermediate the upper and lower margins for the leg, but closer to one of such margins than the other.

10 7. The combination according to claim 1 wherein the cross wall of the cover contains at least one opening for venting the interior of the tray.

8. The combination according to claim 7 wherein the 15 cover further includes a slide that moves along the cross wall of the cover between a closed position in which the opening is closed and open positions in which the opening is exposed.

9. The combination according to claim 1 wherein the 20 cross wall of the cover contains a plurality of openings arranged in a row; and wherein the cover further includes a slide which is located along the cross wall and has openings also arranged in a row, the slide being movable along the cross wall between a closed position and open positions, the 25 slide when in its closed position covering the openings in the cross wall and when in its open positions at least partially exposing the openings in the cross wall through the openings in the slide.

10. In combination according to claim 1 wherein the cross 30 wall of the cover contains a plurality of openings sized for venting moisture from the tray.

11. In combination with a heat sink having shoulders and a tray located within the heat sink, a cover for at least partially closing the tray while the tray is in the heat sink, 35 said cover comprising: upright legs which are located over the shoulders of the heat sink and project upwardly away from the shoulders; and a cross wall extending between the legs and the tray.

12. The combination according to claim 11 wherein the 40 legs of the cover are located beyond the rim on the tray.

13. The combination according to claim 11 wherein the 45 legs of the cover are located beyond the rim on the tray and rest on the shoulders of the heat sink, whereby the tray at its rim is between the legs of the cover.

14. The combination according to claim 11 wherein the 50 legs of the cover have lower margins and the cover is attached to the legs above their lower margins; and wherein the space between the legs and below the cover is open at at least one end of the cover so that the tray at its rim may be inserted into and removed from the space below the cross wall on the cover.

15. The combination according to claim 14 wherein the 55 legs have upper margins, and the cross wall is attached to the legs below the upper margins.

16. The combination according to claim 15 wherein the 60 spacing between the upper margins and the cross wall differs from the spacing between the lower margins and the cross wall.

17. The combination according to claim 11 wherein the 65 cross wall of the cover contains at least one opening.

18. The combination according to claim 17 wherein the 70 cover further includes a slide that moves along the cross wall

Re: HOLDING OR COOKING OVEN

A	oven	50	bottom wall
B	trays	52	side walls
C	tray	54	flat bottom surface
2	bottom wall	56	flat top surface
4	side walls	58	lower region
6	end walls	60	flat outside surface
8	corners	62	contoured inside surface
10	offset portion	64	curved corner
14	lip	66	upper regions
16	depressed edge	68	offsets
18	upper surface	70	flat horizontal shoulders
20	handles	76	heating element
22		78	thermal insulation
24		80	cover
26	cabinet	82	legs
28	front panel	84	cross wall
30	rear panel	88	stops
32	end panels	90	
34	top panel	92	electrical controls
36	opening	100	modified cover
38	upper pan	102	openings
40	lower pans	104	slide
41	lips	106	openings
42	channels	108	handles
43	lips	110	modified cover
44	rigidifying members	112	legs
46	heat sink	114	cross wall
48	cavity	116	elevated region
		118	depressed region
		120	peripheral wall
		122	bottom wall
		124	vertical lip

What is claimed is:

1. In combination with a heating device and with a tray located within the heating device and having a rim that is presented upwardly around the interior of the tray, a self-supporting cover for establishing at least a partial closure over the rim of the tray, said cover comprising: first and second legs in an upright orientation and having lower margins for supporting the cover, the legs being spaced far enough apart to receive the rim of the tray between them; and a cross wall attached to the legs above their lower margins and extending between the legs, the space between the legs and below the cross wall being open at at least one end of the cover, so that the rim of the tray may be inserted between the legs and below the cross wall at that end of the cover.

2. The combination according to claim 1 wherein the legs also have upper margins, and the cover is attached to the legs intermediate the upper and lower margins of the legs.

## 11

of the cover between a closed position in which the opening is closed and open positions in which the opening is exposed.

19. The combination according to claim 11 wherein the cross wall of the cover contains a plurality of openings arranged in a row; and wherein the cover further includes a slide which is located along the cross wall and has openings also arranged in a row, the slide being movable along the cross wall between a closed position and open positions, the slide when in its closed position covering the openings in the cross wall and when in its open position at least partially exposing the openings in the cross wall through the openings in the slide. 5

20. An oven comprising:

a cabinet; 15

a plurality of trays adapted to be inserted in the cabinet and withdrawn from the cabinet, each tray having a bottom wall, side walls extending upwardly from the bottom wall, and an open top; 20

self-supporting covers in the cabinet for respective trays, each cover having a generally horizontal cross wall and a pair of side walls extending downwardly from the cross wall at opposite sides of the cross wall, said cross wall having a width which exceeds the width of a respective tray to allow the tray to be positioned in the cabinet between the side walls of the cover with the cross wall extending over the open top of the tray; 25

each cover being releasably retained in the cabinet against withdrawal from the cabinet when a respective tray is removed from between the side walls of the cover and withdrawn from the cabinet, the side walls of the cover supporting the cover in the cabinet after the tray has been withdrawn from the cabinet; and 30

## 12

a heating element positioned in the cabinet to direct heat into trays in the cabinet.

21. An oven as set forth in claim 20 wherein the cross wall of at least one cover has at least one opening in it to vent a tray located beneath the cover.

22. An oven comprising:

a cabinet;

horizontal shoulders in the cabinet;

a plurality of trays adapted to be inserted in the cabinet and withdrawn from the cabinet, each tray having a bottom wall, side walls extending upwardly from the bottom wall, and an open top;

covers in the cabinet for respective trays, each cover having a generally horizontal cross wall and a pair of side walls extending downwardly from the cross wall at opposite sides of the cross wall over respective horizontal shoulders in the cabinet, said cross wall having a width which exceeds the width of a respective tray to allow the tray to be positioned in the cabinet between the side walls of the cover with the cross wall extending over the open top of the tray;

each cover being releasably retained in the cabinet against withdrawal from the cabinet when a respective tray is removed from between the side walls of the cover and withdrawn from the cabinet, the side walls of the cover resting on said respective shoulders after the tray has been withdrawn from the cabinet; and

at least one opening in the cross wall of at least one of said covers for venting the cover.

\* \* \* \* \*